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INTERNATIONAL SEARCH REPORT

Rec'd PCT/IB 31 MAY 2005
PCT/IB 03/04971

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 B29D11/00 B29C41/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 B29D B29C G02B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 3 691 263 A (KLIMENT KAREL ET AL) 12 September 1972 (1972-09-12)	1-3,8,9, 11,15-17
Y	column 5, line 11-19 column 6, line 6-24 column 6, line 49-67 figures 1,2,4,5 ---	14
X	FR 1 227 497 A (STRAUB LOTHAR) 22 August 1960 (1960-08-22) page 1, column 1 page 2, column 2, line 20 - last line figures ---	1-3,17
Y	US 4 541 969 A (NEEFE CHARLES W) 17 September 1985 (1985-09-17) claim 14 ---	14 -/-

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

21 January 2004

Date of mailing of the international search report

28/01/2004

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Bibollet-Ruche, D

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 454 686 A (JONES HARRY S) 8 July 1969 (1969-07-08) claim 1; figure 5A -----	1-21

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US 3454686	A	08-07-1969	NONE		